MÃ³nica Figueroa

List of Publications by Year
in descending order

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25 papers	1,036 citations	471371 17 h-index	580701 25 g-index
25 all docs	25 docs citations	25 times ranked	1220 citing authors

#	Article	IF	Citations
1	How to cope with NOB activity and pig manure inhibition in a partial nitritation-anammox process?. Separation and Purification Technology, 2019, 212, 396-404.	3.9	11
2	Influence of transitional states on the microbial ecology of anaerobic digesters treating solid wastes. Applied Microbiology and Biotechnology, 2014, 98, 2015-2027.	1.7	32
3	Anaerobic digestion of aerobic granular biomass: effects of thermal preâ€treatment and addition of primary sludge. Journal of Chemical Technology and Biotechnology, 2014, 89, 690-697.	1.6	24
4	Operation of an aerobic granular pilot scale SBR plant to treat swine slurry. Process Biochemistry, 2013, 48, 1216-1221.	1.8	49
5	A novel control strategy for enhancing biological N-removal in a granular sequencing batch reactor: A model-based study. Chemical Engineering Journal, 2013, 232, 468-477.	6.6	24
6	Effects of the cycle distribution on the performance of SBRs with aerobic granular biomass. Environmental Technology (United Kingdom), 2013, 34, 1463-1472.	1.2	8
7	Evaluation of natural zeolite as microorganism support medium in nitrifying batch reactors: Influence of zeolite particle size. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2012, 47, 420-427.	0.9	16
8	Relationship between microbial activity and microbial community structure in six full-scale anaerobic digesters. Microbiological Research, 2012, 167, 581-589.	2.5	186
9	Is the CANON reactor an alternative for nitrogen removal from pre-treated swine slurry?. Biochemical Engineering Journal, 2012, 65, 23-29.	1.8	50
10	Aerobic granular-type biomass development in a continuous stirred tank reactor. Separation and Purification Technology, 2012, 89, 199-205.	3.9	32
11	Denitrifying activity via nitrite and N2O production using acetate and swine wastewater. Process Biochemistry, 2012, 47, 1202-1206.	1.8	12
12	Aerobic granular SBR systems applied to the treatment of industrial effluents. Journal of Environmental Management, 2012, 95, S88-S92.	3.8	44
13	Effect of coagulantâ€flocculant reagents on aerobic granular biomass. Journal of Chemical Technology and Biotechnology, 2012, 87, 908-913.	1.6	14
14	Start up of a pilot scale aerobic granular reactor for organic matter and nitrogen removal. Journal of Chemical Technology and Biotechnology, 2011, 86, 763-768.	1.6	39
15	Treatment of high loaded swine slurry in an aerobic granular reactor. Water Science and Technology, 2011, 63, 1808-1814.	1.2	30
16	Aerobic granulation in a mechanical stirred SBR: treatment of low organic loads. Water Science and Technology, 2011, 64, 155-161.	1.2	16
17	Nitrifying granular systems: A suitable technology to obtain stable partial nitrification at room temperature. Separation and Purification Technology, 2010, 74, 178-186.	3.9	49
18	Characteristics of nitrifying granules developed in an air pulsing SBR. Process Biochemistry, 2009, 44, 602-606.	1.8	36

#	Article	IF	Citations
19	Treatment of anaerobic sludge digester effluents by the CANON process in an air pulsing SBR. Journal of Hazardous Materials, 2009, 166, 336-341.	6.5	107
20	Applications of Anammox based processes to treat anaerobic digester supernatant at room temperature. Bioresource Technology, 2009, 100, 2988-2994.	4.8	89
21	Post-treatment of effluents from anaerobic digesters by the Anammox process. Water Science and Technology, 2009, 60, 1135-1143.	1.2	27
22	Population dynamics of nitrite oxidizers in nitrifying granules. Water Science and Technology, 2009, 60, 2529-2536.	1.2	6
23	Aerobic sludge granulation: state-of-the-art. International Journal of Environmental Engineering, 2009, 1, 136.	0.1	10
24	Influence of gas flow-induced shear stress on the operation of the Anammox process in a SBR. Chemosphere, 2008, 72, 1687-1693.	4.2	32
25	Treatment of saline wastewater in SBR aerobic granular reactors. Water Science and Technology, 2008, 58, 479-485.	1.2	93